

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	788832	(IC (integrated adj circuit) (semiconductor adj device) die chip component) with (substrate board PCB wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 20:02
L2	162160	1 with (wiring pattern\$3 trace conductor redistribution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 19:42
L3	17191	2 with (adhesive resin epoxy polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 20:03
L4	4153	3 with (bump ball terminal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 20:03
L5	239	4 with interconnect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 19:48
L6	142	@ad <= "20021015" and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/22 20:04
L7	7643	257/723.ccls. or 257/781.ccls. or 257/758.ccls. or 257/759.ccls. or 257/760.ccls. or 257/786.ccls. or 257/787.ccls. or 257/790.ccls. or 257/788.ccls. or 257/791.ccls. or 257/503.ccls.	USPAT	OR	ON	2006/09/22 20:26
L9	634	7 and 3	USPAT	OR	OFF	2006/09/22 20:32
L10	575	9 and (bump ball terminal)	USPAT	OR	ON	2006/09/22 20:03
L11	473	@ad <= "20021015" and 10	USPAT	OR	ON	2006/09/22 20:27

## EAST Search History

L12	447	11 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:04
L13	12	("5550407"   "5834844"   "5886415"   "6111311"   "6111317"   "6153448"   "6181010"   "6181569"   "6184577"   "6255737"   "6313532"   "6674158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/22 20:07
L14	0	("6930388").URPN.	USPAT	OR	OFF	2006/09/22 20:09
L15	0	("6930388").URPN.	USPAT	OR	OFF	2006/09/22 20:09
L16	7	("5895229"   "6071755"   "6097087"   "6232666"   "6351030"   "6376279"   "6414849").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/22 20:16
L17	4	("6555921").URPN.	USPAT	OR	OFF	2006/09/22 20:26
L18	2690	257/723.ccls. or 257/781.ccls. or 257/758.ccls. or 257/759.ccls. or 257/760.ccls. or 257/786.ccls. or 257/787.ccls. or 257/790.ccls. or 257/788.ccls. or 257/791.ccls. or 257/503.ccls.	US-PGPUB	OR	ON	2006/09/22 20:26
L19	207	18 and 3	US-PGPUB	OR	OFF	2006/09/22 20:27
L20	81	@ad <= "20021015" and 19	US-PGPUB	OR	ON	2006/09/22 20:32
L21	81	20 not 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:29
L22	3835	438/110-114.ccls. or 438/107.ccls. or 438/118.ccls. or 438/460.ccls. or 438/465.ccls.	USPAT	OR	ON	2006/09/22 20:48
L23	417	22 and 3	USPAT	OR	ON	2006/09/22 20:56
L24	326	@ad <= "20021015" and 23	USPAT	OR	ON	2006/09/22 20:49
L25	326	24 not 21	USPAT	OR	ON	2006/09/22 20:33
L26	300	25 not 12	USPAT	OR	ON	2006/09/22 20:34
L27	289	26 not 6	USPAT	OR	ON	2006/09/22 20:34

## EAST Search History

L28	25	("20010018229"   "20010039078"   "20020072202"   "20030003688"   "4931853"   "5032543"   "5422514"   "5434094"   "5600181"   "5786628"   "5796164"   "5874774"   "5942578"   "5956236"   "5989982"   "6104089"   "6174751"   "6242283"   "6291884"   "6344401"   "6348728"   "6373133"   "6445591"   "6518662"   "6555906").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/22 20:36
L29	13	("4356374"   "5252850"   "5258648"   "5468681"   "5705858"   "5814894"   "5844304"   "5849606"   "5859407"   "5886971"   "5973337"   "6300235"   "6303977").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/22 20:38
L30	3	("6753208").URPN.	USPAT	OR	OFF	2006/09/22 20:38
L31	8	("5563084"   "5657537"   "5891761"   "5985693"   "6242286"   "6271060"   "6355501"   "6500694").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/22 20:41
L32	4	("5895229"   "6071755"   "6097087"   "6232666").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/22 20:45
L33	1493	438/110-114.ccls. or 438/107.ccls. or 438/118.ccls. or 438/460.ccls. or 438/465.ccls.	US-PGPUB	OR	ON	2006/09/22 20:48
L34	205	33 and 3	US-PGPUB	OR	ON	2006/09/22 20:48
L35	87	@ad <= "20021015" and 34	US-PGPUB	OR	ON	2006/09/22 20:56
L36	74	35 not 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:49
L37	74	36 not 27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:49

## EAST Search History

L38	74	37 not 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:55
L39	2090	361/803.ccls. or 361/764.ccls. or 361/765.ccls. or 361/777.ccls. or 361/820.ccls.	USPAT	OR	ON	2006/09/22 21:02
L40	132	39 and 3	USPAT	OR	ON	2006/09/22 21:02
L41	126	@ad <= "20021015" and 40	USPAT	OR	ON	2006/09/22 21:03
L42	126	41 not 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:57
L43	98	42 not 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:57
L44	98	43 not 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:57
L45	93	44 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/22 20:57

## EAST Search History

L46	37	("4001870"   "4074342"   "4365264"   "4618878"   "4740700"   "4813129"   "4885126"   "4902606"   "5072520"   "5104811"   "5148265"   "5148266"   "5180311"   "5196371"   "5420329"   "5455390"   "5489749"   "5491302"   "5508228"   "5583378"   "5604380"   "5619017"   "5661086"   "5666270"   "5679977"   "5749997"   "5777379"   "5783465"   "5874782"   "5907785"   "6013946"   "6091140"   "6175159"   "6268650"   "6284563"   "6319564"   "6630730").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/22 20:59
L47	260	361/803.ccls. or 361/764.ccls. or 361/765.ccls. or 361/777.ccls. or 361/820.ccls.	US-PGPUB	OR	ON	2006/09/22 21:03
L48	0	47 and 3	USPAT	OR	ON	2006/09/22 21:02
L49	17	47 and 3	US-PGPUB	OR	ON	2006/09/22 21:03
L50	0	@ad <= "20021015" and 49	USPAT	OR	ON	2006/09/22 21:03